

PN - RU2136297 C 19990910

PD - 1999-09-10

PR - RU19980119168 19981022

OPD - 1998-10-22

TI - METHOD OF PREPARING TRANSPLANT "BIO-MATRIX IMPLANT" FOR STOMATOLOGY

AB - FIELD: medicine, stomatology. SUBSTANCE: osseous tissue is treated with 0.1-0.3% of papain solution (at 65 C, pH 6.5 for 10-24 h, not less) followed by treatment with 1% solution of hydrogen peroxide and 1% of ethanol solution taken at the ratio = 1:1 for 24 h and the following successive treatment with 30, 70 and 96% ethyl alcohol solutions (for 10 h in each solution), lyophilization and sterilization by the irradiation at the dose 2.5 MGrad. Invention can be used in maxillo-facial surgery in dental implantation and osseous tissue reconstruction, in orthopedics and traumatology. EFFECT: improved method of preparing. 3 ex

IN - AKHUNDOV I JU; IVANOV S JU; LEONT EVA G D; NOVIKOV S V; LARIONOV E V; SAVASHCHUK D A; TREGUBOV A A

PA - AKHUNDOV IBRAGIM JUSIFOVICH; IVANOV SERGEJ JUR EVICH; LARIONOV EVGENIJ VIKTOROVICH; NOVIKOV SERGEJ VIKTOROVICH; SAVASHCHUK DMITRIJ ALEKSEEVICH; TREGUBOV ALEKSEJ ALEKSEEVICH

IC - A61K35/32 ; A01N1/02

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TI - Method of preparing transplant bio-matrix implant for stomatology

PR - RU19980119168 19981022

PN - RU2136297 C1 19990910 DW200035 A61K35/32 000pp

PA - (AKHU-I) AKHUNDOV I YU  
- (IVAN-I) IVANOV S YU  
- (TREG-I) TREGUBOV A A

IC - A01N1/02 ; A61K35/32

IN - AKHUNDOV I YU; IVANOV S YU; TREGUBOV A A

AB - RU2136297 NOVELTY - Osseous tissue is treated with 0.1-0.3% of papain solution (at 65 C, pH 6.5 for 10-24 h, not less) followed by treatment with 1% solution of hydrogen peroxide and 1% of ethanol solution taken at the ratio = 1:1 for 24 h and the following successive treatment with 30, 70 and 96% ethyl alcohol solutions (for 10 h in each solution), lyophilization and sterilization by the irradiation at the dose 2.5 MGrad. Invention can be used in maxillo-facial surgery in dental implantation and osseous tissue reconstruction, in orthopedics and traumatology. EFFECT: improved method of preparing. 3 ex

none

none

none

acial surgery in dental implantation and osseous tissue reconstruction, in orthopedics and traumatology.

- USE - Medicine, stomatology.
- ADVANTAGE - Improved method of preparing.
- (Dwg.0/0)

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AN - 2000-409361 [35]